

TRANSPORT SYSTEM AND ROAD TRANSPORT SAFETY
(course title)

COURSE SYLLABUS ABSTRACT
of higher education institution speciality

1-37 01 06 "Technical operation of vehicles (by directions)"
(speciality code and name)

	STUDY MODE		
	full-time	part-time	part-time (shortened program)
Year	2	5	3
Semester	4	9	6
Lectures, hours	34	8	6
Practical classes (seminars), hours	34	6	4
Pass/fail, semester	4	9	6
Contact hours	68	14	10
Independent study, hours	32	86	90
Total course duration in hours / credit units	100/2,5	100/2,5	100/2,5

1. Course outline

Formation of students' knowledge and skills, allowing them to master the theory and practice, within the republican transportation of goods and passengers, as well as the organization of safe traffic in modern road conditions.

2. Course learning outcomes

Upon completion of the course, students will be expected to know:

- the role of transport in the national economy;
- types of transport and rational areas of its use;
- the basics of ensuring the safety of road transport.

be able to:

- choose a rational mode of transport for the transportation of goods and passengers;
- calculate the required number of vehicles and organize uninterrupted delivery of cargo;
- organize safe movement.

possess:

- methodology for operational planning of road transport;
- methods for calculating the technical and economic indicators of the rolling stock.

3. Competencies

AC - 1 Be able to apply basic scientific and theoretical knowledge to solve theoretical and practical problems of the technical operation of vehicles. AC - 2 Be proficient in systemic and comparative analysis. AC - 3 Possess research skills. AC - 4 Be able to work independently. AC - 5 Be able to generate new ideas (be creative). AC - 6 Own an interdisciplinary approach to solving problems. AC - 7 Have skills related to the use of technical devices, information management and computer work. AC - 8 Possess oral and written communication skills. AC - 9 Be able to learn, improve their skills throughout their lives. SPC - 5 Be capable of criticism and self-criticism. SPC - 6 Be able to work in a team. PC - 2 Organize work to improve the skills of employees of a motor transport organization. PC - 5 Negotiate, develop contracts with other interested parties. PC - 7 Use global information resources. PC - 10 Own the basics of industrial relations and management principles, taking into account technical, financial and human factors. PC - 14 To carry out architectural supervision of the construction or reconstruction of motor transport organizations within the relevant competence. PC - 22 To select the optimal modes of operation of road transport, taking into account operating conditions to improve the technical and economic indicators of their work. PC - 25 Ensure inspection of the technological equipment of the motor transport organization in a timely manner, carry out operational activities. PC - 41 Organize and ensure the maintenance and testing of technological equipment.

4. Requirements and forms of midcourse evaluation and summative assessment.

The following forms are used to diagnose competencies:

- oral and written

To assess the level of knowledge of students, the following diagnostic tools are used:

- reports on classroom practical exercises with their oral defense;

- offset.